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December 19, 2003

ATTORNEY DOCKET NO. 08350.3502
CUSTOMER NO. 22,852

17510 10/739225 U.S.P.T.O.



**Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

New U.S. Patent Application
Title: GROUND DIFFERENCE COMPENSATING SYSTEM
Inventors: Kris W. JOHNSON and Sivaprasad AKASAM

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- fifteen (15) pages, including three (3) independent claims and eighteen (18) claims total.
2. Drawings- One sheet of formal drawings (Fig. 1).
3. Fully executed Declaration and Power of Attorney documents (2 pages).
4. Recordation Form Cover Sheet and fully executed Assignment document to Caterpillar, Inc. (3 pages).
5. Information Disclosure Statement Under 37 C.F.R. 1.97(b) (2 pages), Form PTO 1449 (1 page) and 1 reference as cited on Form PTO 1449.
6. The filing fee is calculated as follows:



13281

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Basic Application Filing Fee					\$770	\$ 770.00
	Number of Claims		Basic	Extra Claims		
Total Claims	18	-	20	0	x \$18	0
Independent Claims	3	-	3	0	x \$86	0
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$290	0
Subtotal						\$ 770.00
Reduction by 1/2 if small entity					-	0
TOTAL APPLICATION FILING FEE						\$ 770.00

7. A check for \$810.00 is enclosed. The fees include:

\$770.00 filing fee;
\$40.00 Assignment recordation fee.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,
Garrett & Dunner, L.L.P.
1300 I Street, N.W.
Washington, D.C. 20005-3315

Please accord this application an application number and filing date and record
and return the Assignment to the undersigned.

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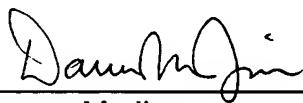
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DUNNER LLP

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By:



Darren M. Jiron
Reg. No. 45,777

DWH/DMJ/blf
Enclosures